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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/220,910	12/24/1998	THOMAS E. WALSH	2207-6033	5446

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EXAMINER

VU, THONG H

ART UNIT

PAPER NUMBER

2152

DATE MAILED: 07/02/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/220,910

Applicant(s)

WALSH, THOMAS E.

Examiner

Thong H Vu

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 April 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 2-15, 17-21 and 23-32 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 2-15, 17-21 and 23-32 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other: _____

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1. This office action is in response to Amendment B filed 4/22/02. Claims 2,5-15,17-21 and 23-32 are pending. The rejection is cited as stated below.

2. Claims 2-9,12-15,17-21,23-30 are rejected under 35 U.S.C. § 103 as being obvious over Krause [5,526,520] in view of Wanatabe [6,372,612 B1]

3. As per claims 2,27 Krause discloses a method for identifying a secondary document having an un-specified location relative to a primary document in a document preparation environment comprising:

determining if said primary document includes an indicator (i.e.: file name)

[Krause col 3 lines 62-65]; and

identifying said secondary document (i.e.: additional text, audio, video) by determining at least one of a filename and a location of said secondary document (i.e.: file name and label) [Krause col 4 lines 44-50] using at least one of a user input [Krause col 4 lines 51-65], a user selection and syntactic processing (i.e.: sign, symbol, drawing, graphic, icon) of said primary document, if said primary document includes said indicator [Krause col 3 lines 28-43, col 4 lines 15-65, col 9 line 28-col 10 line 5, col 10 lines 6-27]

Krause is silent to attaching said secondary document to said primary document to encapsulate said primary and secondary documents together, if said primary document includes said indicator. It is well-known in the e-mail art that the email as the first document could has an attached document as secondary document. A skilled artisan would have motivation to implement Krause's apparatus and found Watanabe, Watanabe, in a same endeavor, discloses an email processing system including the

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email body text as the first document and the second document as an attachment file embedded in email message (i.e.: text, graphic, symbols) [Wanatabe col 9 lines 60-col 10 line 2]

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate the Krause and Wanatabe's teaching in order to utilize the technique of embedded a message into an email body. Doing so it would provide the fast and easy way to send the multi attached files to client through a message such as an email on Internet.

As per claims 17,23,30 Krause-Wanatabe disclose a system for identifying a secondary document having an un-specified location from a primary document comprising:

- a first storage device storing said primary document (ie.: data creation)
[Wanatabe Fig 3];

- a second storage device storing said secondary document (i.e.: database)
[Wanatabe Fig 3];

- a third storage device storing an indicator (i.e.: recipient address input)
[Wanatabe Fig 3];

- a processor [Wanatabe col 7 lines 15-28] coupled to said first storage device; said second storage device and said third storage device, said processor determining if said primary document includes said indicator, identifying said secondary document by determining at least one of a file name and a location of said secondary document using at least one of user input, a user selection and syntactic processing if said primary

document includes said indicator, attaching said secondary document to said primary document to encapsulate said primary and secondary documents together, if said primary document includes said indicator [see rejection claims 1,27].

Examiner takes an Official notice that a database server / router and administrator server could be located on the same or different machine.

4. As per claims 5,18,24 Krause-Wanatabe disclose said primary document includes at least one word, and wherein determining at least one of said file name and said location of said secondary document is performed as a function of said at least one word as an inherent feature of frame name [Krause col 6 line 35-col 7 line 28].

5. As per claim 6, Krause-Wanatabe disclose said primary document includes a plurality of words, and wherein determining at least one of said filename and said location of said secondary document is performed as a function of said plurality of words within a predetermined proximity of said indicator included in said plurality of words as an inherent feature of frame name [Krause col 6 line 35-col 7 line 28].

6. As per claims 7, 19 Krause-Wanatabe disclose associating a predetermined word with at least one of said filename and said location of said secondary document, wherein said primary document includes said predetermined word, and wherein identifying at least one of said filename and said location of said secondary document is performed as a function of said predetermined word as an inherent feature of frame name [Krause col 6 line 35-col 7 line 28].

7. As per claims 8,20,25,28 Krause-Wanatabe disclose said indicator includes at least one of a plurality of predetermined words, a plurality of predetermined characters,

and a plurality of predetermined phrases as an inherent feature of frame name [Krause col 6 line 35-col 7 line 28].

8. As per claims 9,21,26 Krause-Wanatabe disclose determining if said at least one word includes one of said indicator is performed using syntactic processing or menu [Krause col 6 line 35-col 7 line 28].

9. As per claim 12, Krause-Wanatabe disclose sending said primary document and said secondary document attached thereto to a printing device [Krause col 2 line 48].

10. As per claim 13, Krause-Wanatabe disclose said primary document and said secondary document attached thereto to a recipient via facsimile or scanner [Krause col 2 line 48].

11. As per claim 14, Krause-Wanatabe disclose said secondary document is attached to said primary document at a first instance, said first instance being determined as a function of a user input [Krause col 6 lines 35-45].

12. As per claim 15, Krause-Wanatabe disclose adding at least one additional indicator to said indicator as a function of a user input [Krause col 6 lines 35-45][Wanatabe col 3 line 58-col 4 line 3,col 7 lines 55-67,col 9 lines 35-43, col 12 lines 12-23].

13. As per claim 10, Krause-Wanatabe disclose the primary document is an email message [Wanatabe col 2 lines 34-52].

14. As per claim 11, Krause-Wanatabe disclose disclose sending said e-mail message and said secondary document attached thereto to a recipient via a communications device [Wanatabe col 3 lines 15-57].

15. As per claim 29, Krause-Wanatabe disclose said primary document includes a list of at least one address corresponding to at least one recipient to receive said primary document, further comprising attaching said address of said recipient to said list of said at least one address as inherent feature of email message wherein an email is primary document includes an indicator as an address of recipient [Wanatabe col 3 lines 15-57].

16. Claims 2-15,17-21,23-32 are rejected under 35 U.S.C. § 103 as being obvious over Bobo, II [5,675,507] in view of Fabbio [5,870,089]

17. As per claims 2,27 Bobo discloses the invention as substantially as claimed, a method for message storage and delivery system wherein a second document (i.e.: HTML image) is embedded into a first document (i.e.: facsimile message) [Bobo col 9 line 47-col 10 line 25,col 21 lines 55-60, col 22 lines 49-60] which is equivalent to a method for identifying a secondary document having an un-specified location relative to a primary document in a document preparation environment;

determining if said primary document includes an indicator (i.e.: message ID, address, file name) [Bobo col 7 lines 38-50]; and

attaching said secondary document to said primary document to encapsulate said primary and secondary documents together, if said primary document includes said indicator [Bobo col 9 line 46-col 10 line 14]

Bobo is silent to detail identifying said secondary document by determining at least one of a filename and a location of said secondary document using at least one of

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a user input, a user selection and syntactic processing (i.e.: sign, symbol, drawing, graphic, icon) of said primary document, if said primary document includes said indicator. It is well-known in the e-mail art that the email as the first document could has an attached document as secondary document. A skilled artisan would have motivation to implement Bobo's apparatus and found Fabbio. Fabbio, in a same endeavor, discloses an electronic package processing system (i.e.: email, facsimile message) including the document references such as file names and locations [Fabbio, abstract, Fig 1, col 2 lines 38-55,col 3 lines 4-44, 58-col 4 lines 25]

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate the Fabbio into Bobo's teaching in order to utilize the technique of embedded or attached a second message into the first message. Doing so it would provide the fast and easy way to send the attached files to client through a large network such as Internet.

18. As per claims 17,23,30 Bobo-Fabbio disclose a system for identifying a secondary document having an un-specified location from a primary document comprising:

- a first storage device storing said primary document [Bobo Fig 13-15];
- a second storage device storing said secondary document [Bobo Fig 13-15];
- a third storage device storing an indicator [Bobo Fig 13-15];
- a processor [Bobo Fig 13-15] coupled to said first storage device; said second storage device and said third storage device, said processor determining if said primary document includes said indicator, identifying said secondary document by determining

at least one of a file name and a location of said secondary document using at least one of user input, a user selection and syntactic processing if said primary document includes said indicator, attaching said secondary document to said primary document to encapsulate said primary and secondary documents together, if said primary document includes said indicator [see rejection claims 1,27].

19. As per claims 5,18,24 Bobo-Fabbio disclose said primary document includes at least one word, and wherein determining at least one of said file name and said location of said secondary document is performed as a function of said at least one word locations [Fabbio, abstract, Fig 1, col 2 lines 38-55,col 3 lines 4-44, 58-col 4 lines 25].

20. As per claim 6, Bobo-Fabbio disclose said primary document includes a plurality of words, and wherein determining at least one of said filename and said location of said secondary document is performed as a function of said plurality of words within a predetermined proximity of said indicator included in said plurality of words locations [Fabbio, abstract, Fig 1, col 2 lines 38-55,col 3 lines 4-44, 58-col 4 lines 25].

21. As per claims 7, 19 Bobo-Fabbio disclose associating a predetermined word with at least one of said filename and said location of said secondary document, wherein said primary document includes said predetermined word, and wherein identifying at least one of said filename and said location of said secondary document is performed as a function of said predetermined word locations [Fabbio, abstract, Fig 1, col 2 lines 38-55,col 3 lines 4-44, 58-col 4 lines 25].

22. As per claims 8,20,25,28 Bobo-Fabbio disclose said indicator (i.e.: references) includes at least one of a plurality of predetermined words, a plurality of predetermined

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characters, and a plurality of predetermined phrases locations [Fabbio, abstract, Fig 1, col 2 lines 38-55,col 3 lines 4-44, 58-col 4 lines 25].

23. As per claims 9,21,26 Bobo-Fabbio disclose determining if said at least one word includes one of said indicator is performed using syntactic processing [Bobo Fig 15][Fabbio Fig 7-7A].

24. As per claim 12, Bobo-Fabbio disclose sending said primary document and said secondary document attached thereto to a printing device [Fabbio abstract].

25. As per claim 13, Bobo-Fabbio disclose said primary document and said secondary document attached thereto to a recipient via facsimile or scanner locations [Fabbio, abstract, Fig 1-2, col 2 lines 38-55,col 3 lines 4-44, 58-col 4 lines 25].

26. As per claim 14, Bobo-Fabbio disclose said secondary document is attached to said primary document at a first instance, said first instance being determined as a function of a user input locations [Fabbio, abstract, Fig 1-7A, col 2 lines 38-55,col 3 lines 4-44, 58-col 4 lines 25].

27. As per claim 15, Bobo-Fabbio disclose adding at least one additional indicator to said indicator as a function of a user input locations [Fabbio, abstract, Fig 1-7A, col 2 lines 38-55,col 3 lines 4-44, 58-col 4 lines 25].

28. As per claim 10, Bobo-Fabbio disclose the primary document is an email message locations [Fabbio, abstract, Fig 1-2, col 2 lines 38-55,col 3 lines 4-44, 58-col 4 lines 25].

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29. As per claim 11, Bobo-Fabbio disclose sending said e-mail message and said secondary document attached thereto to a recipient via a communications device locations [Fabbio, abstract, Fig 1-2, col 2 lines 38-55,col 3 lines 4-44, 58-col 4 lines 25].

30. As per claim 29, Bobo-Fabbio disclose said primary document includes a list of at least one address corresponding to at least one recipient to receive said primary document, further comprising attaching said address of said recipient to said list of said at least one address locations [Fabbio, abstract, Fig 1, col 2 lines 38-55,col 3 lines 4-44, 58-col 4 lines 25].

Thus, as explained above, the system and method of claims 2-15,17-21,23-32 is obvious in view of the prior art.

Response to Arguments

31. As per claims 2,17,23,27,30 applicant argues the prior art does not teach "using a user input, a user selection and syntactic processing of primary document" and attaching said secondary documents together". Examiner notes Krause discloses using at least one of a user input [Krause col 4 lines 51-65], a user selection and syntactic processing (i.e.: sign, symbol, drawing, graphic, icon) of said primary document, if said primary document includes said indicator [Krause col 3 lines 28-43, col 4 lines 15-65, col 9 line 28-col 10 line 5, col 10 lines 6-27] and Wanatabe discloses an email processing system including the email body text as the first document and the second document as an attachment file embedded in email message (i.e.: text, graphic, symbols) [Wanatabe col 9 lines 60-col 10 line 2] which is equivalent to attaching said

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secondary document to said primary document to encapsulate said primary and secondary documents together.

Thus, the combination of the references is clearly taught substantially as invention claimed.

32. Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner Thong Vu, whose telephone number is (703)-305-4643.

The examiner can normally be reached on Monday-Thursday from 8:00AM- 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, *Mark Rinehart*, can be reached at (703) 305-4815.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-9700.

Any response to this action should be mailed to: Commissioner of Patent and Trademarks, Washington, D.C. 20231 or faxed to :

After Final (703) 746-7238

Official: (703) 746-7239

Non-Official (703) 746-7240

Hand-delivered responses should be brought to Crystal Park 11,2121 Crystal Drive, Arlington. VA., Sixth Floor (Receptionist).

Thong Vu
Patent Examiner
Art Unit 2152



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